



State of Nevada Division of Environmental Protection

SOP: Fallon CEA
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DECONTAMINATION

Decontamination Procedures

The objective of decontamination procedures is to provide clean equipment for the Retrieval of representative environmental samples. All decontamination will be done in the controlled environment of the NDEP Fallon Field office.

The types of equipment that has contact with the soil samples and will be decontaminated are hand trowels and disposable aluminum trays. Data collection equipment, such as clipboards, floor area vacuuming templates and pressure gauges for the Summa Canister will also be decontaminated, as well as any other reusable equipment which enters the homes such as buckets for carrying small items. Decontamination of the dust vacuum sample collection equipment (Nilfisk) is covered under the dust sample collection SOP.

Procedures:

Field Data Collection Equipment

Clipboards, area templates, calibration equipment (for Summa Canister) and other equipment will be cleaned using the following procedures:

- Wipe with a paper towel.
- Alconox and potable water wash.
- Deionized water rinse.
- Air dry.

Sampling Equipment

Equipment used for soil sample collection includes: Stainless steel trowels, disposable aluminum trays and the rinsate blank water transfer funnel.

This equipment will be cleaned using the following procedures:

- Alconox and potable water scrub.
- Thorough potable water rinse.
- Deionized water rinse.
- Air dry.

Sampling instruments will be wrapped in aluminum foil after decontamination to Keep clean before sampling.